

Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
 Data File : BF093408.D
 Acq On : 6 Mar 2017 18:40
 Operator : SJ/MA
 Sample : I2056-20 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 19B-19

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.721	244	248	251	rBV	44978	75177	1.35%	0.064%
2	4.824	254	257	260	rVB3	59354	113174	2.03%	0.097%
3	4.881	260	262	264	rBV	156710	244350	4.39%	0.209%
4	4.916	264	265	271	rVB	201933	286424	5.15%	0.245%
5	5.110	280	282	284	rBV	132420	152693	2.74%	0.130%
6	5.316	296	300	302	rVB3	32953	82283	1.48%	0.070%
7	5.361	302	304	311	rBV	1362239	1851888	33.28%	1.582%
8	5.487	313	315	318	rVB2	127437	176992	3.18%	0.151%
9	5.533	318	319	321	rVB	84864	89438	1.61%	0.076%
10	5.579	321	323	327	rVB2	126893	207322	3.73%	0.177%
11	5.659	327	330	332	rBV	63558	84746	1.52%	0.072%
12	5.750	334	338	340	rBV2	261514	468472	8.42%	0.400%
13	5.807	340	343	345	rBV2	132616	231465	4.16%	0.198%
14	5.899	348	351	353	rVB	375729	500157	8.99%	0.427%
15	5.944	353	355	358	rBV2	149888	350425	6.30%	0.299%
16	6.002	358	360	363	rVB2	599884	1002310	18.01%	0.856%
17	6.059	363	365	366	rBV	544982	644306	11.58%	0.550%
18	6.082	366	367	374	rVB4	181121	546779	9.82%	0.467%
19	6.184	374	376	378	rBV	251563	362429	6.51%	0.310%
20	6.230	378	380	381	rBV2	84024	128904	2.32%	0.110%
21	6.287	383	385	390	rVB2	541867	949102	17.05%	0.811%
22	6.367	390	392	394	rBV2	135989	300685	5.40%	0.257%
23	6.424	394	397	399	rBV	1791592	1936934	34.80%	1.655%
24	6.516	402	405	406	rBV2	334154	620174	11.14%	0.530%
25	6.539	406	407	411	rVB	1420360	1820479	32.71%	1.555%
26	6.619	411	414	416	rBV	360089	368011	6.61%	0.314%
27	6.664	416	418	419	rBV2	61919	82586	1.48%	0.071%
28	6.733	419	424	425	rBV4	382121	790717	14.21%	0.675%
29	6.779	425	428	431	rVB2	1285390	2584462	46.44%	2.208%
30	6.824	431	432	434	rBV	376219	513176	9.22%	0.438%
31	6.859	434	435	436	rBV	249215	294538	5.29%	0.252%
32	6.893	436	438	439	rVB	244857	233743	4.20%	0.200%
33	6.927	439	441	445	rVB3	1680414	2363821	42.47%	2.019%
34	7.007	445	448	449	rBV	228640	433410	7.79%	0.370%

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35	7.042	449	451	453	rVB2	690329	1142209	20.52%	0.976%
36	7.087	453	455	456	rBV2	117248	173402	3.12%	0.148%
37	7.122	456	458	460	rBV2	201676	199334	3.58%	0.170%
38	7.167	460	462	463	rBV	647861	931160	16.73%	0.795%
39	7.190	463	464	467	rVB3	434919	655574	11.78%	0.560%
40	7.247	467	469	471	rBV3	288835	405980	7.29%	0.347%
41	7.293	471	473	476	rBV2	669702	1596952	28.69%	1.364%
42	7.350	476	478	481	rVB3	905740	1689389	30.36%	1.443%
43	7.419	481	484	486	rVB2	1111503	1700062	30.55%	1.452%
44	7.487	486	490	492	rBV2	846706	1880247	33.79%	1.606%
45	7.533	492	494	495	rBV	425410	710920	12.77%	0.607%
46	7.579	495	498	500	rVB2	1440942	2040072	36.66%	1.743%
47	7.613	500	501	502	rBV	328912	327979	5.89%	0.280%
48	7.693	506	508	511	rVB3	1482100	1487566	26.73%	1.271%
49	7.739	511	512	514	rBV2	330732	290306	5.22%	0.248%
50	7.819	516	519	522	rBV3	572129	1041247	18.71%	0.889%
51	7.887	522	525	527	rBV3	626775	1169356	21.01%	0.999%
52	7.945	527	530	533	rBV3	968511	2221524	39.92%	1.898%
53	8.013	533	536	537	rBV2	488877	922666	16.58%	0.788%
54	8.059	537	540	541	rBV2	1522230	2107501	37.87%	1.800%
55	8.105	543	544	545	rVV	642231	645086	11.59%	0.551%
56	8.127	545	546	547	rVB	2709556	1857401	33.37%	1.587%
57	8.150	547	548	550	rBV	585333	554979	9.97%	0.474%
58	8.230	552	555	556	rBV3	640236	1289526	23.17%	1.102%
59	8.265	556	558	559	rVB	1560777	1405743	25.26%	1.201%
60	8.287	559	560	562	rBV2	228081	351051	6.31%	0.300%
61	8.345	562	565	567	rBV2	961467	1731643	31.12%	1.479%
62	8.447	567	574	575	rVB5	889208	2525569	45.38%	2.157%
63	8.482	575	577	582	rBV3	2047851	5345011	96.04%	4.566%
64	8.562	582	584	585	rBV	653682	727108	13.07%	0.621%
65	8.596	585	587	591	rBV4	1069800	1749031	31.43%	1.494%
66	8.745	599	600	602	rVB2	1377564	1868197	33.57%	1.596%
67	8.802	604	605	607	rBV2	541522	818414	14.71%	0.699%
68	8.973	618	620	621	rVB	688968	881270	15.84%	0.753%
69	9.008	621	623	624	rBV2	503608	501888	9.02%	0.429%
70	9.042	624	626	628	rVB2	445230	717382	12.89%	0.613%
71	9.088	628	630	632	rBV2	3108376	3345921	60.12%	2.858%

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72	9.133	632	634	636	rVB3	1017615	1081854	19.44%	0.924%
73	9.213	639	641	644	rBV3	1919998	3575851	64.25%	3.055%
74	9.408	657	658	659	rBV	648167	526979	9.47%	0.450%
75	9.442	659	661	663	rVV3	763172	1310073	23.54%	1.119%
76	9.545	666	670	671	rVV3	3048284	5565275	100.00%	4.754%
77	9.625	675	677	679	rVB3	697615	818701	14.71%	0.699%
78	9.682	679	682	684	rBV3	1120615	1983367	35.64%	1.694%
79	9.716	684	685	687	rVB	1787645	1992102	35.80%	1.702%
80	9.762	687	689	690	rBV2	549803	768263	13.80%	0.656%
81	9.808	690	693	695	rVV4	1118575	3007471	54.04%	2.569%
82	9.853	695	697	698	rVV2	923432	1103034	19.82%	0.942%
83	9.922	701	703	705	rVB2	749541	717361	12.89%	0.613%
84	9.968	705	707	709	rBV3	479638	961974	17.29%	0.822%
85	10.071	714	716	720	rBV4	1299962	1781969	32.02%	1.522%
86	10.128	720	721	724	rBV2	909473	1689476	30.36%	1.443%
87	10.185	724	726	727	rVB2	553636	710065	12.76%	0.607%
88	10.219	727	729	732	rBV3	952790	1524151	27.39%	1.302%
89	10.356	739	741	744	rBV4	824047	2111296	37.94%	1.804%
90	10.471	748	751	753	rVB	2185276	2981093	53.57%	2.547%
91	10.733	771	774	777	rVB	3785152	4521736	81.25%	3.863%
92	11.191	812	814	818	rVB	2117111	3317252	59.61%	2.834%
93	11.305	822	824	828	rBV3	1053974	1533003	27.55%	1.310%
94	11.545	843	845	847	rBV	1039928	1162055	20.88%	0.993%
95	16.391	1267	1269	1276	rVB	1202721	2415795	43.41%	2.064%

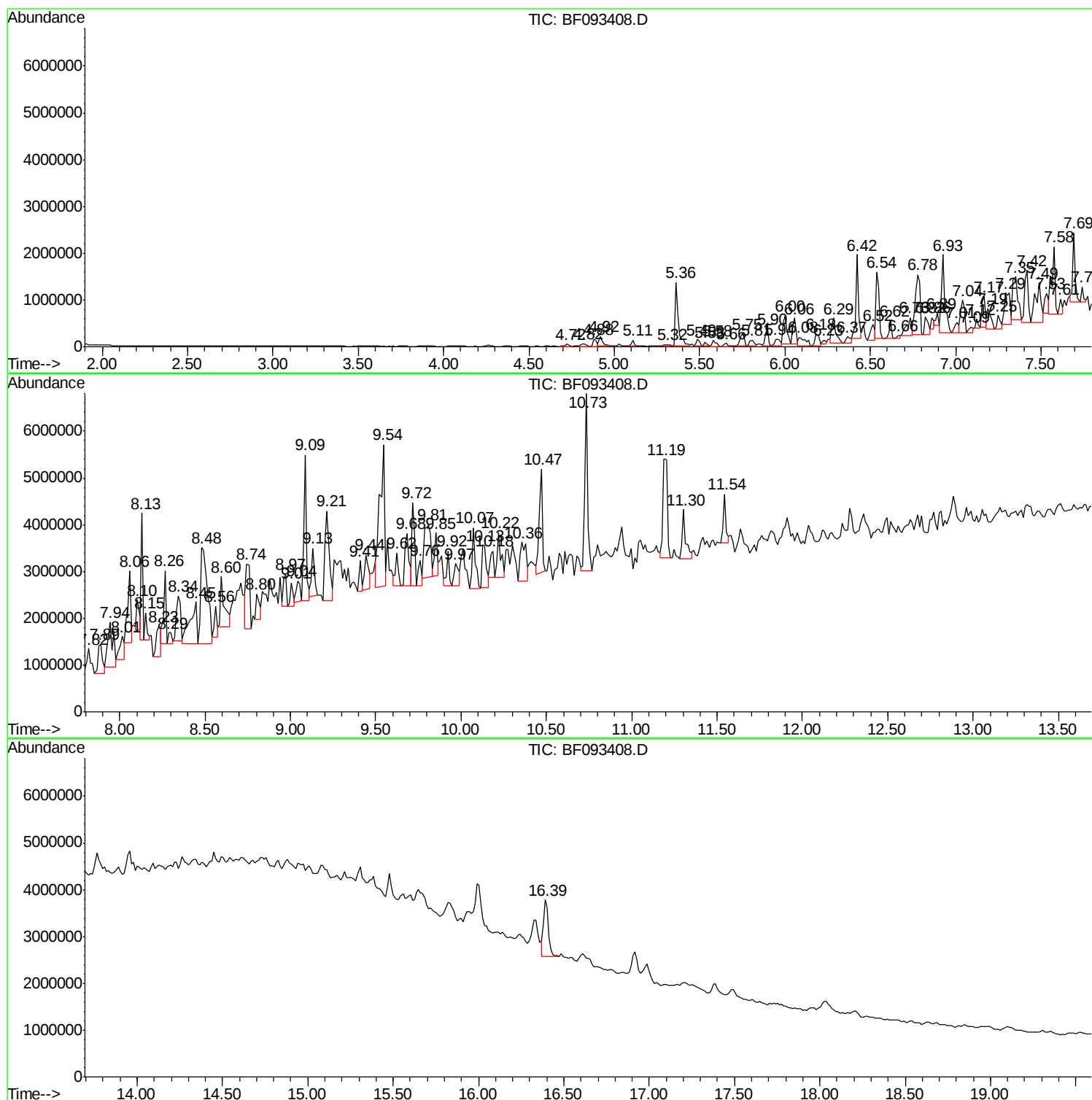
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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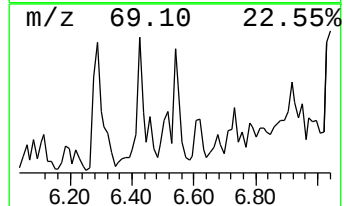
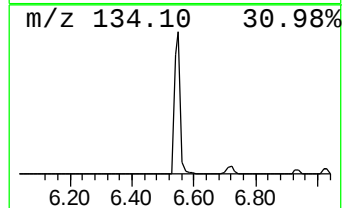
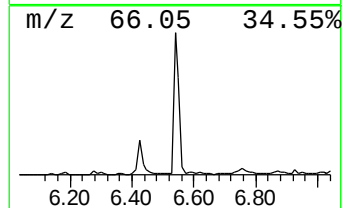
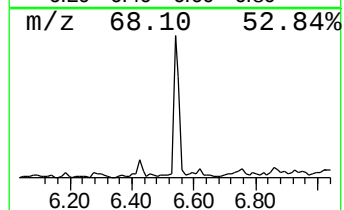
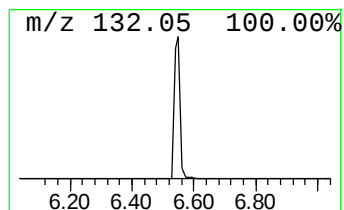
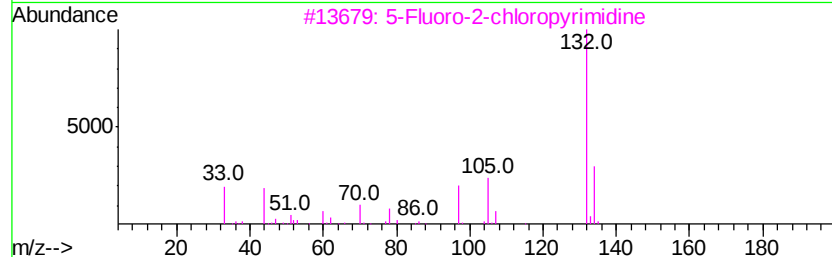
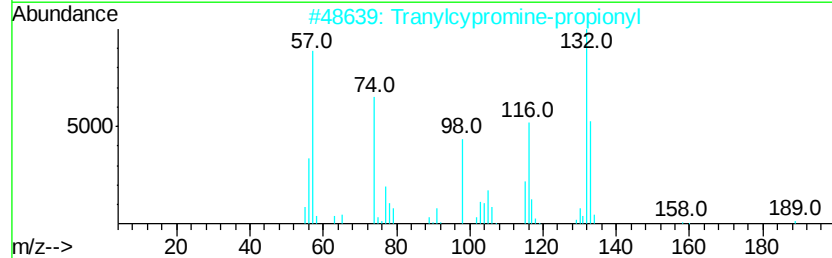
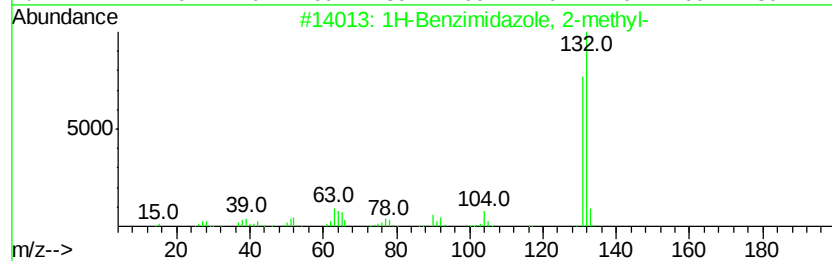
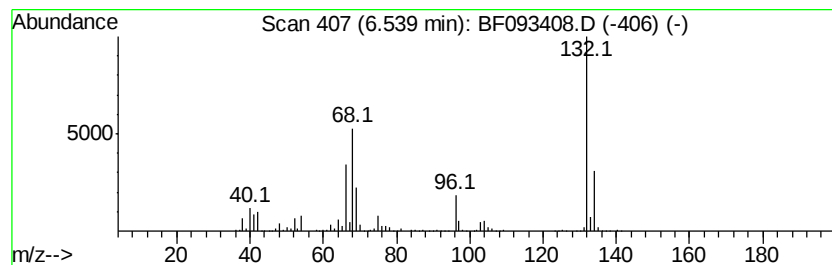
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.54 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	14.09 ng	1820480	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5		5-Aminoindole	132	C8H8N2	005192-03-0	10



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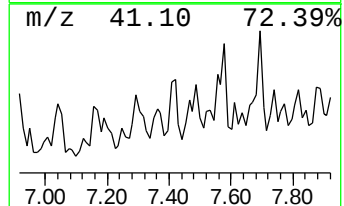
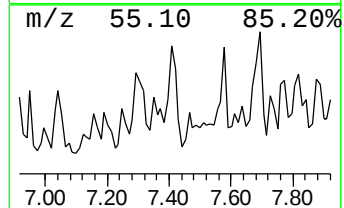
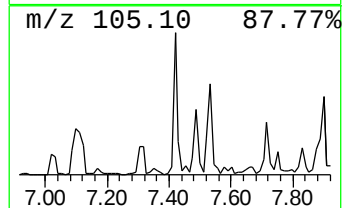
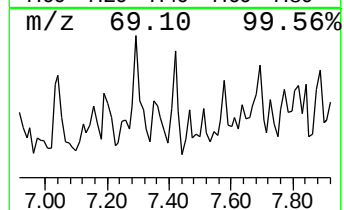
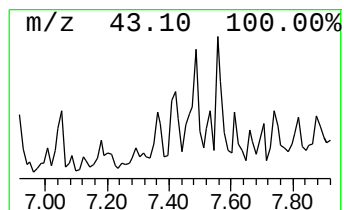
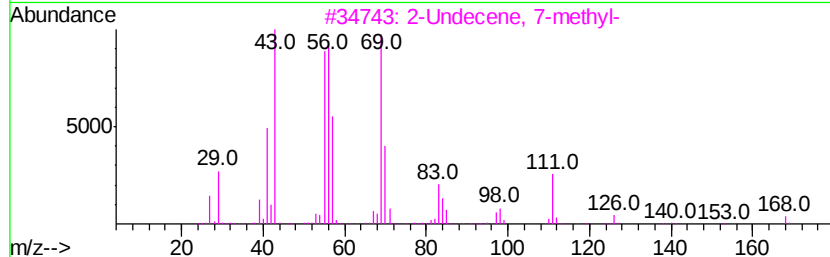
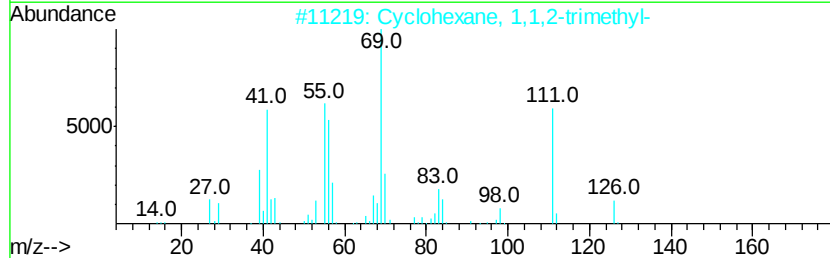
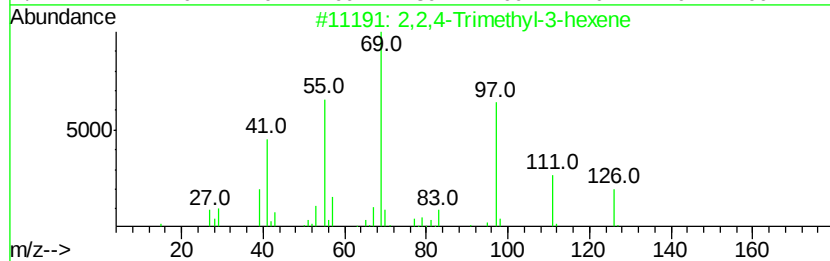
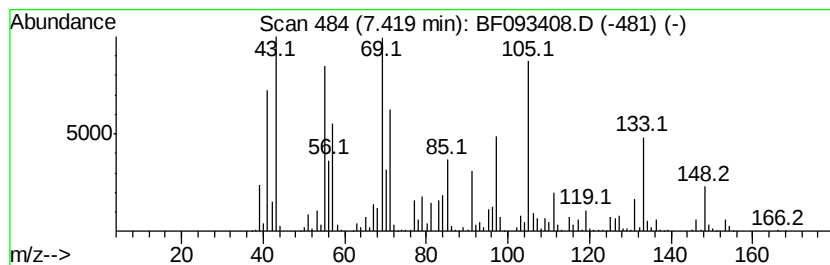
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.42 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	16.13 ng	1700060	Napthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	35	
2	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	22	
3	2-Undecene, 7-methyl-	168	C12H24	1000061-83-0	22	
4	2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	22	
5	Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	22	



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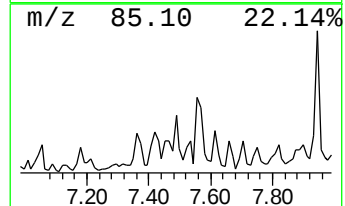
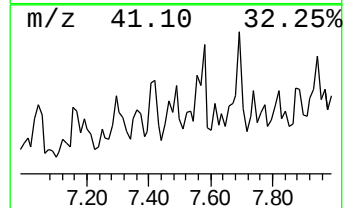
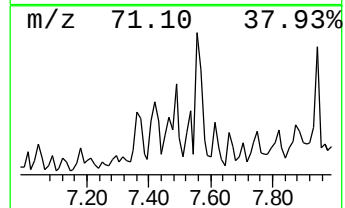
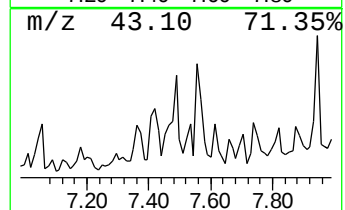
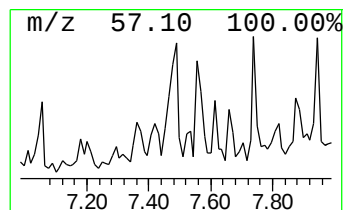
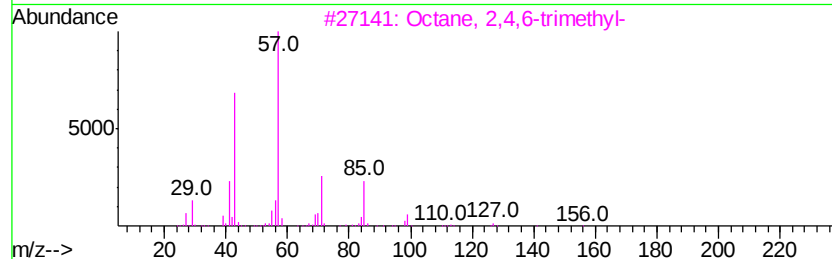
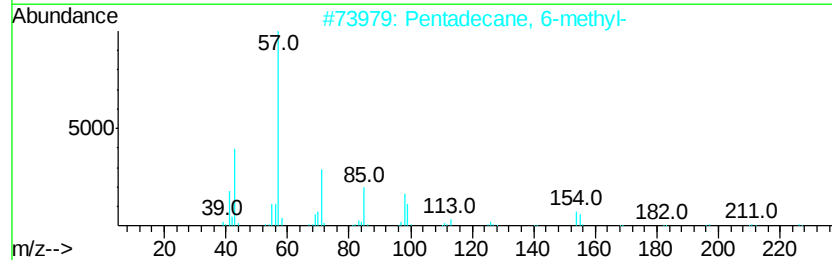
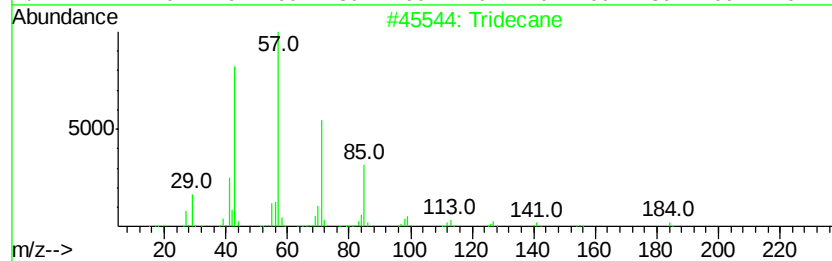
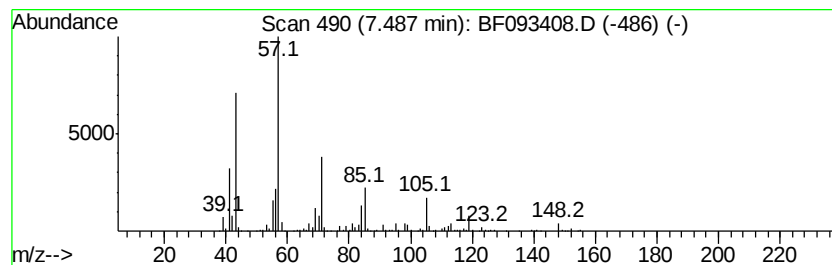
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	17.84 ng	1880250	Naphthalene-d8	8.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	50
2	Pentadecane, 6-methyl-		226	C16H34	010105-38-1	50
3	Octane, 2,4,6-trimethyl-		156	C11H24	062016-37-9	50
4	Undecane		156	C11H24	001120-21-4	50
5	Octane, 2,3,3-trimethyl-		156	C11H24	062016-30-2	47



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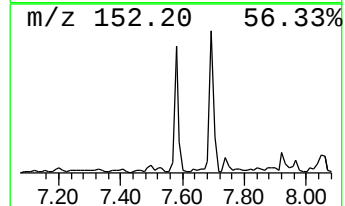
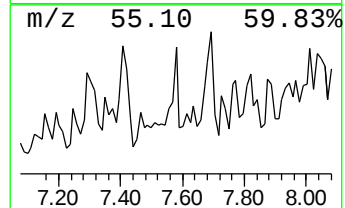
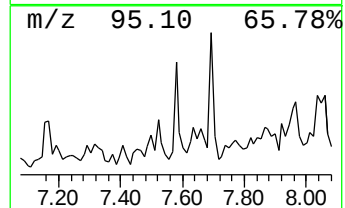
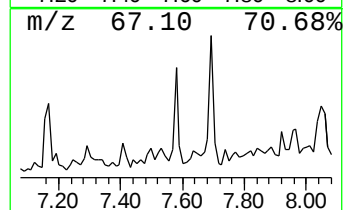
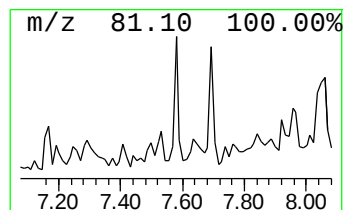
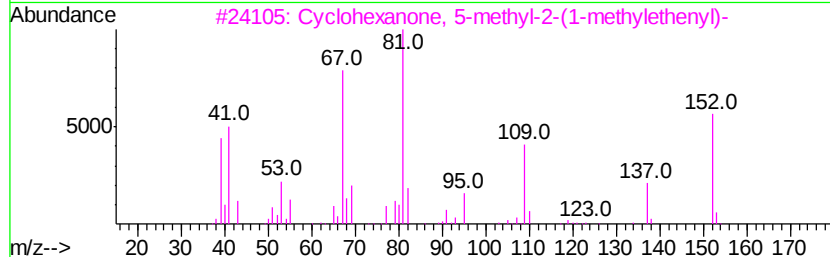
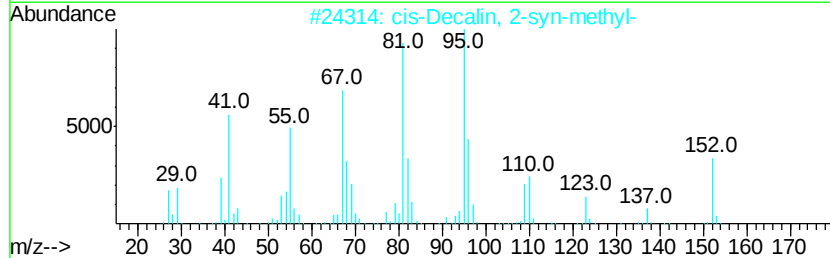
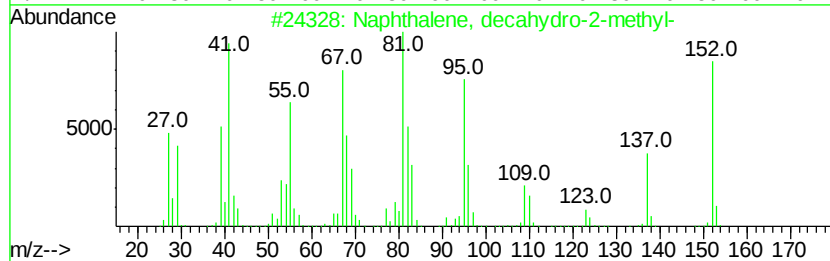
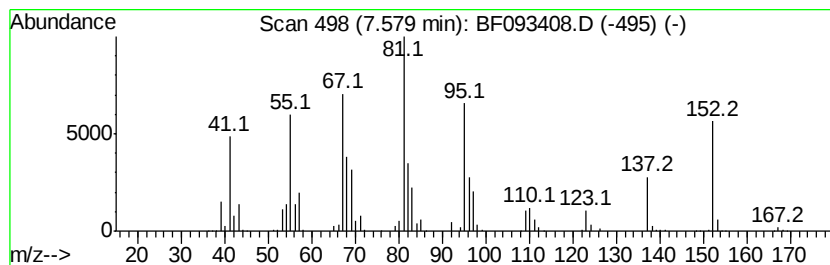
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	19.36 ng	2040070	Naphthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	53
3		Cyclohexanone, 5-methyl-2-(1-methyl-2-phenylethenyl)-	152	C10H16O	000529-00-0	52
4		Furan, 2-hexyl-	152	C10H16O	003777-70-6	52
5		trans-4a-Methyl-decahydronaphthalene	152	C11H20	002547-27-5	49



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093408.D
Acq On : 6 Mar 2017 18:40
Operator : SJ/MA
Sample : I2056-20 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
19B-19

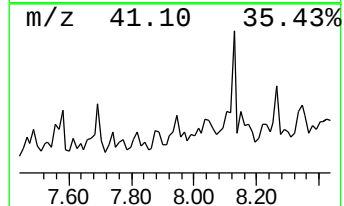
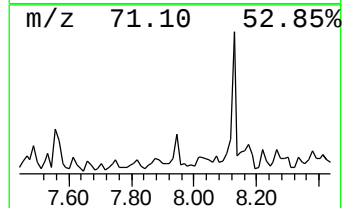
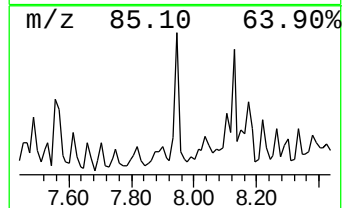
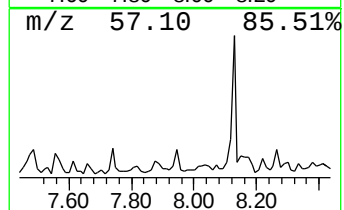
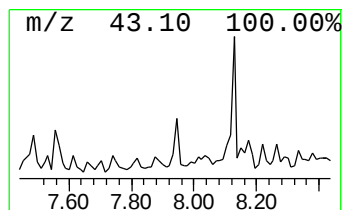
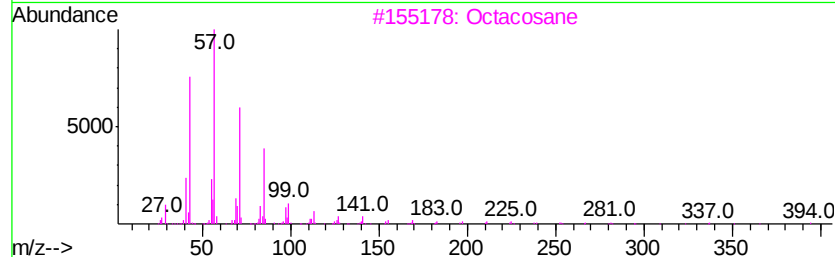
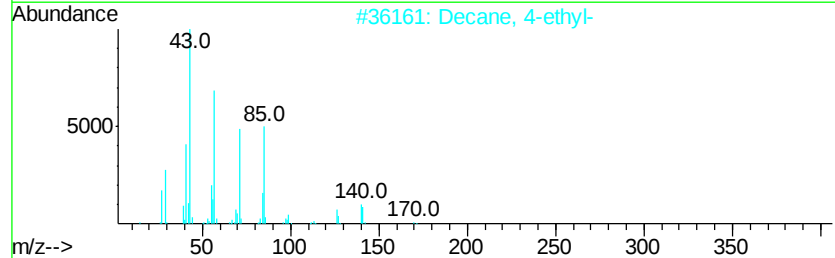
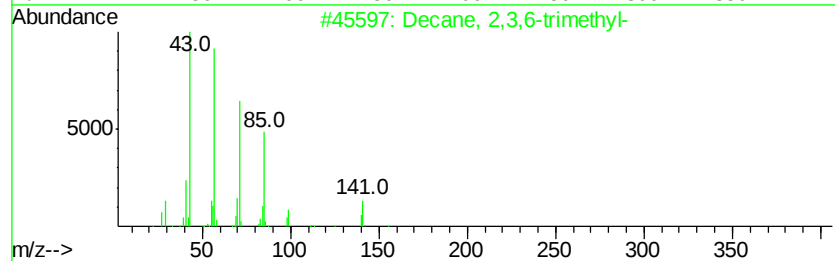
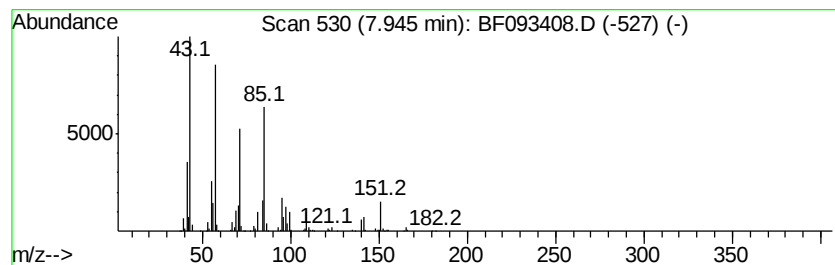
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Decane, 2,3,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.94	21.08 ng	2221520	Napthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	58
2		Decane, 4-ethyl-	170	C12H26	001636-44-8	50
3		Octacosane	394	C28H58	000630-02-4	47
4		Tridecane	184	C13H28	000629-50-5	47
5		Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	47



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093408.D
Acq On : 6 Mar 2017 18:40
Operator : SJ/MA
Sample : I2056-20 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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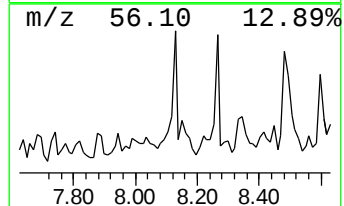
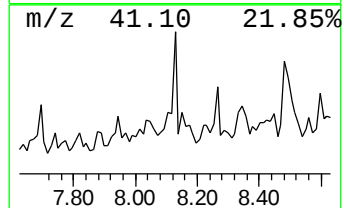
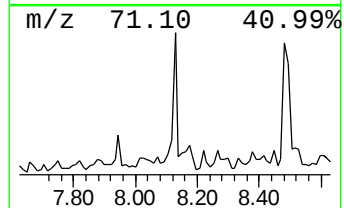
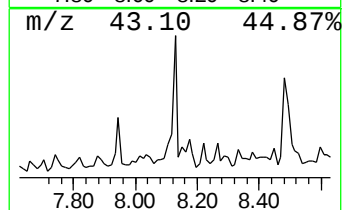
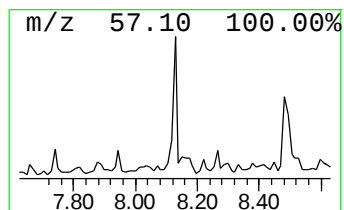
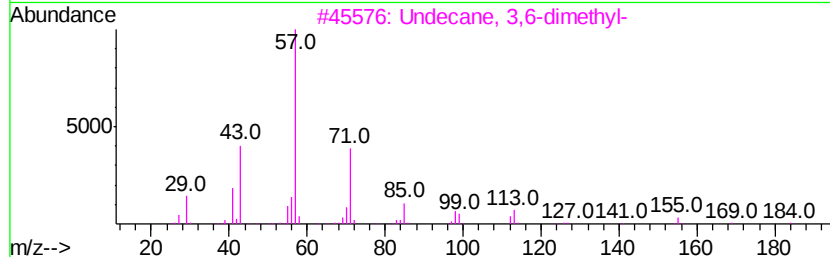
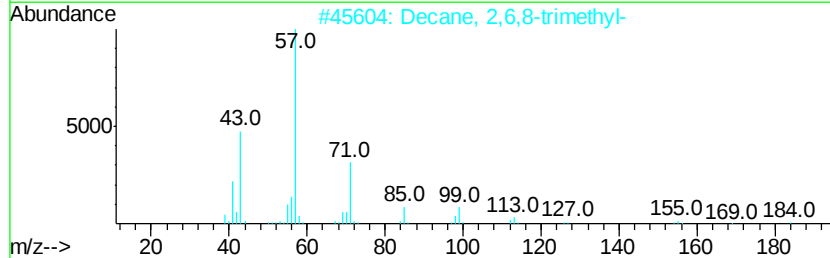
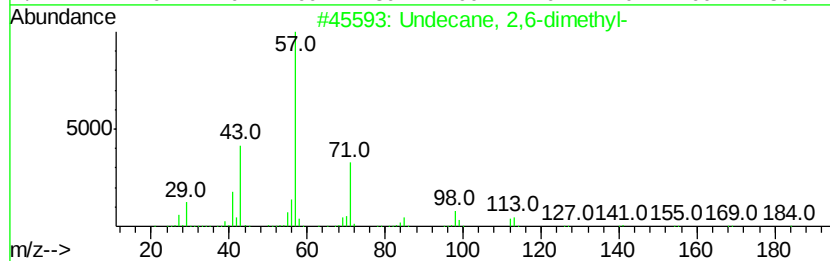
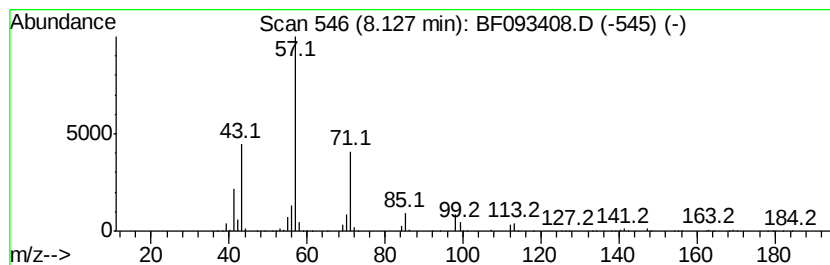
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	17.63 ng	1857400	Napthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	87
2		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	83
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093408.D
Acq On : 6 Mar 2017 18:40
Operator : SJ/MA
Sample : I2056-20 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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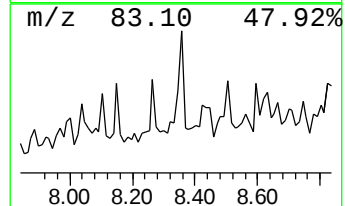
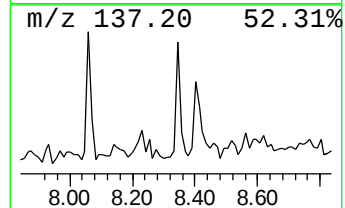
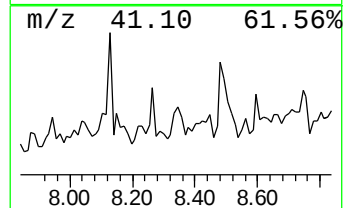
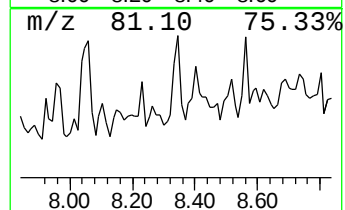
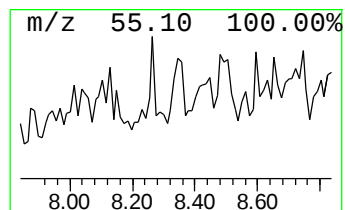
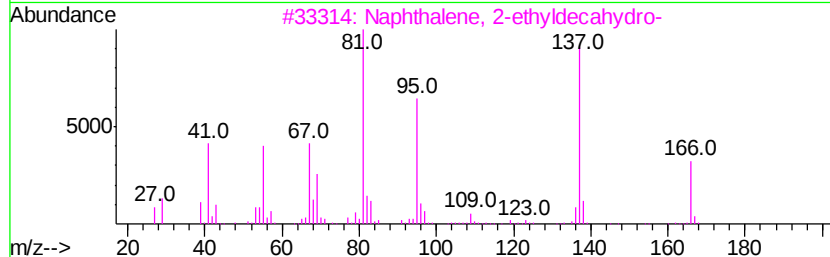
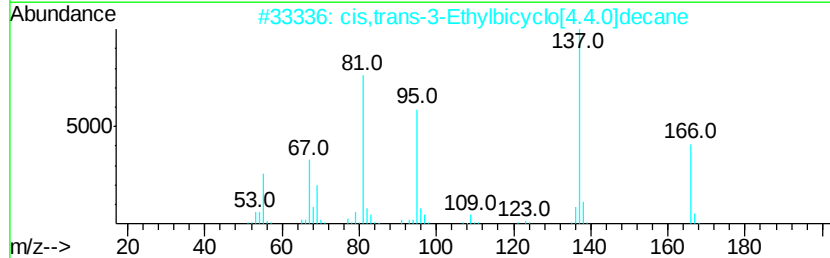
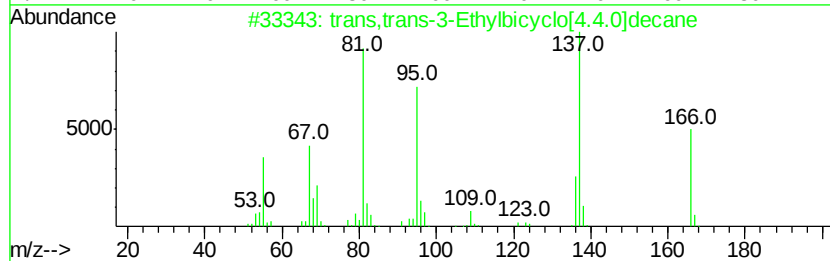
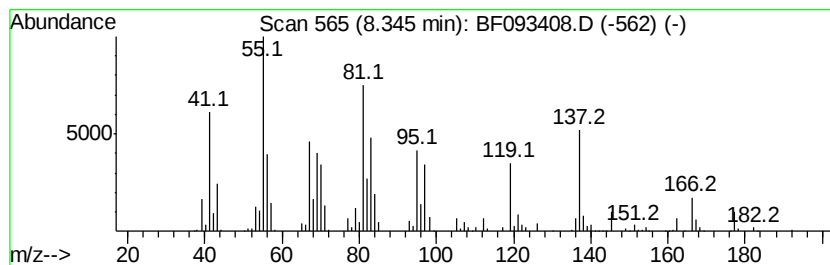
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 trans,trans-3-Ethylbicyclo[...] Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	16.43 ng	1731640	Naphthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans,trans-3-Ethylbicyclo[4.4.0]deca-	166	C12H22	058462-32-1	55
2		cis,trans-3-Ethylbicyclo[4.4.0]deca-	166	C12H22	066660-41-1	47
3		Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	43
4		1-Tridecyne	180	C13H24	026186-02-7	38
5		Cyclotetradecane	196	C14H28	000295-17-0	22



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
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Acq On : 6 Mar 2017 18:40
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Instrument :
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ClientSampleId :
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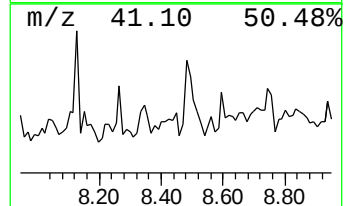
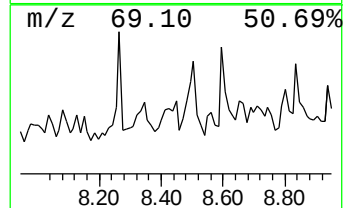
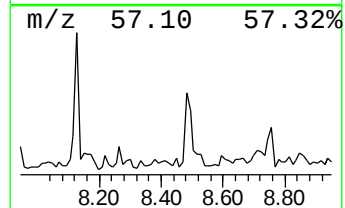
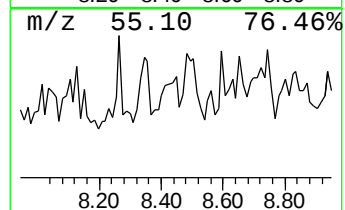
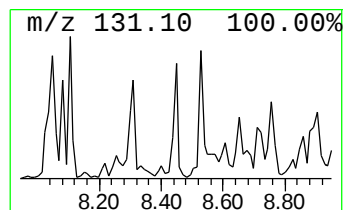
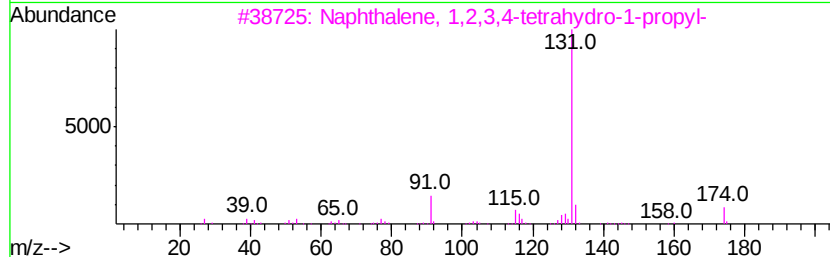
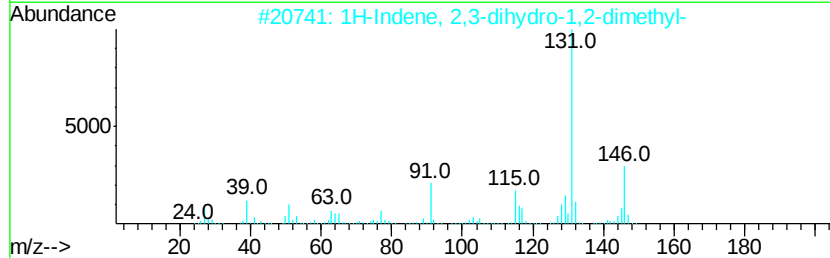
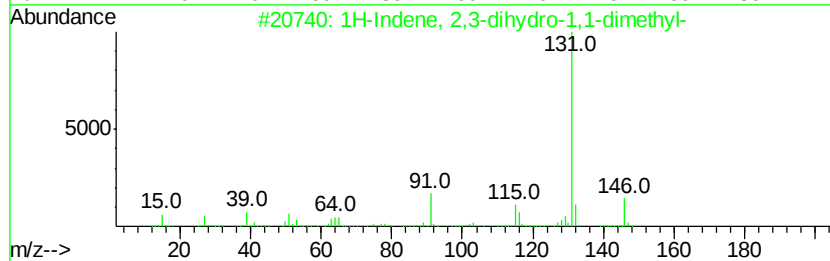
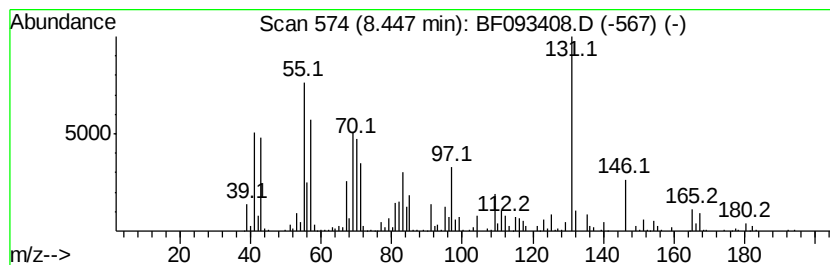
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown8.45 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	23.97 ng	2525570	Naphthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	35
2		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	35
3		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	066324-83-2	27
4		dl-7-Azatriptophan	205	C10H11N3O2	001137-00-4	27
5		2(3H)-Thiazolethione, 4-methyl-	131	C4H5NS2	005685-06-3	27



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
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Acq On : 6 Mar 2017 18:40
Operator : SJ/MA
Sample : I2056-20 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

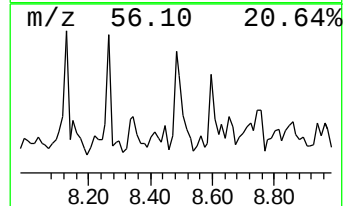
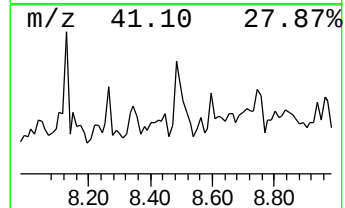
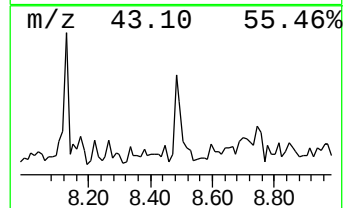
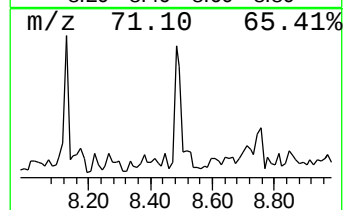
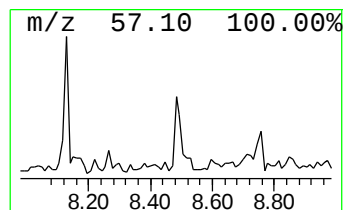
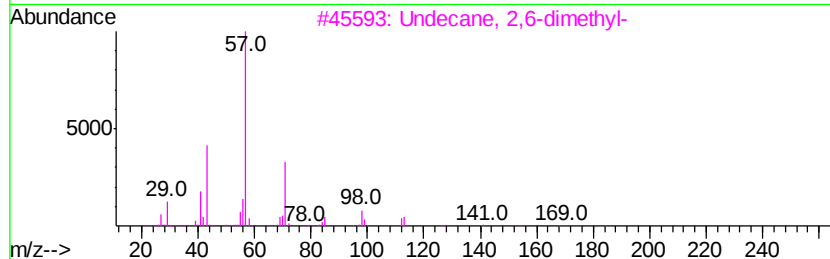
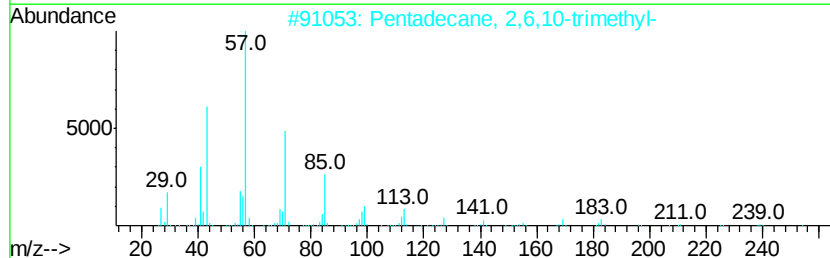
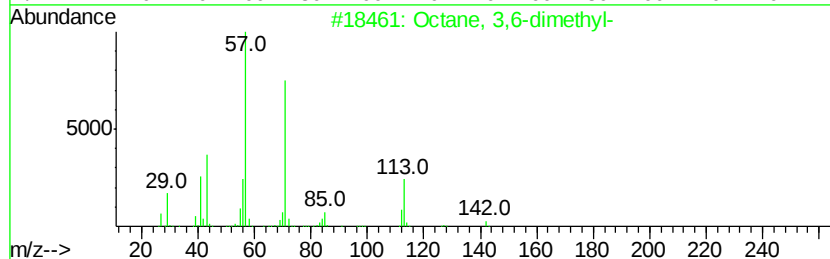
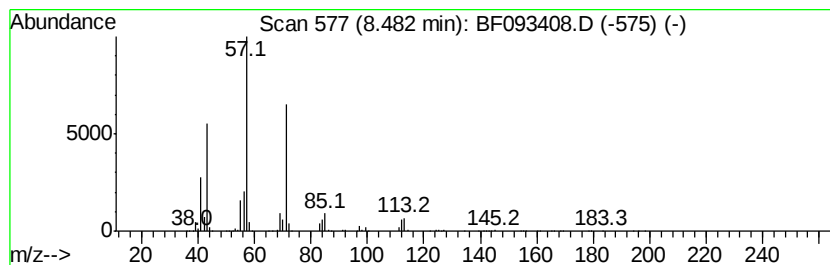
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Octane, 3,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	50.72 ng	5345010	Napthalene-d8	8.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octane, 3,6-dimethyl-	142 C10H22	015869-94-0	78
2	Pentadecane, 2,6,10-trimethyl-	254 C18H38	003892-00-0	64
3	Undecane, 2,6-dimethyl-	184 C13H28	017301-23-4	64
4	Octane, 2,6-dimethyl-	142 C10H22	002051-30-1	64
5	Eicosane	282 C20H42	000112-95-8	59



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093408.D
Acq On : 6 Mar 2017 18:40
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampled :
19B-19

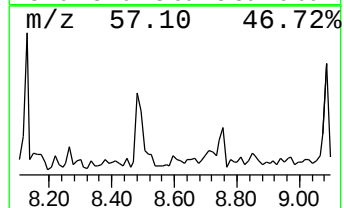
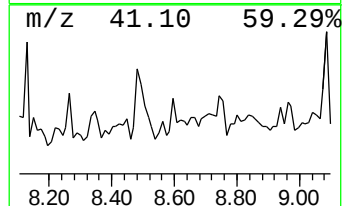
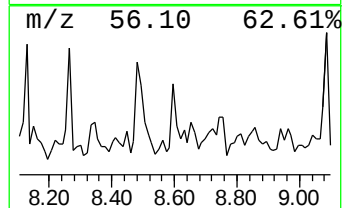
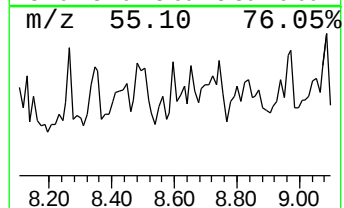
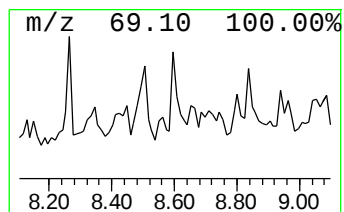
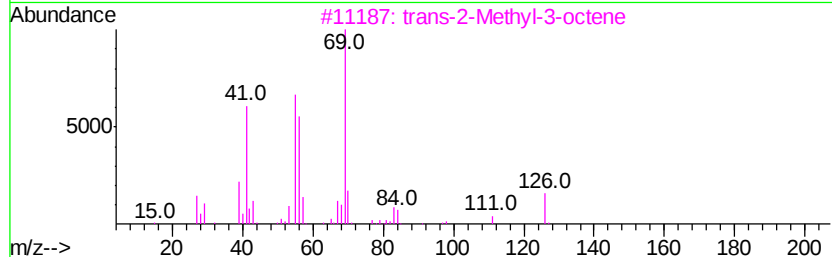
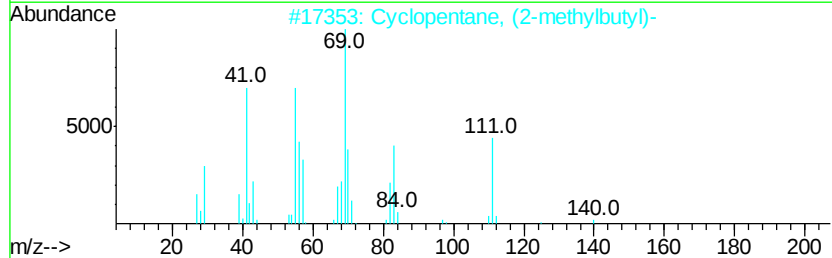
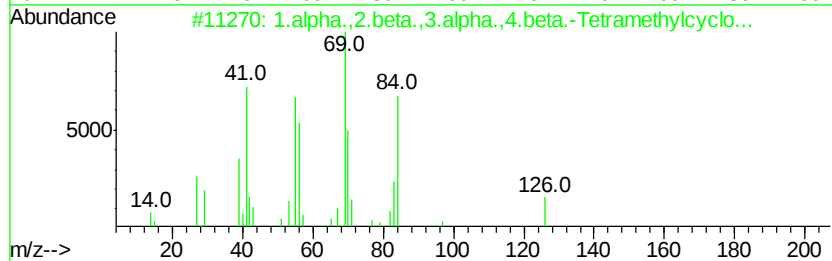
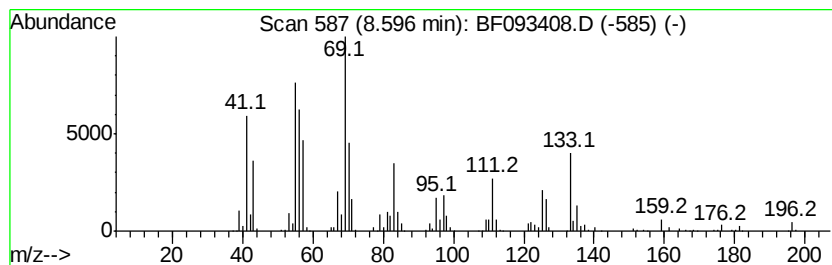
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown8.60 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	16.60 ng	1749030	Napthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	49
2		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	46
3		trans-2-Methyl-3-octene	126	C9H18	052937-36-7	43
4		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43
5		3-Tetradecene, (Z)-	196	C14H28	041446-67-7	42



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Sample : I2056-20 2X
Misc :
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ClientSampleId :
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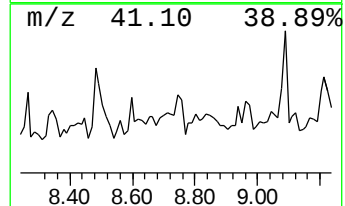
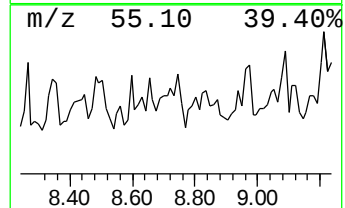
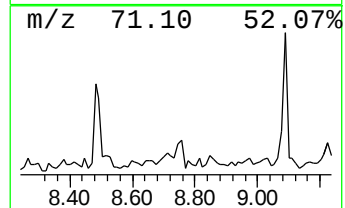
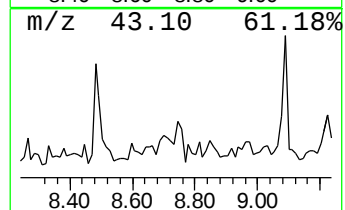
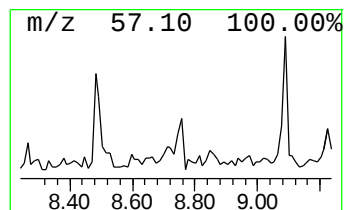
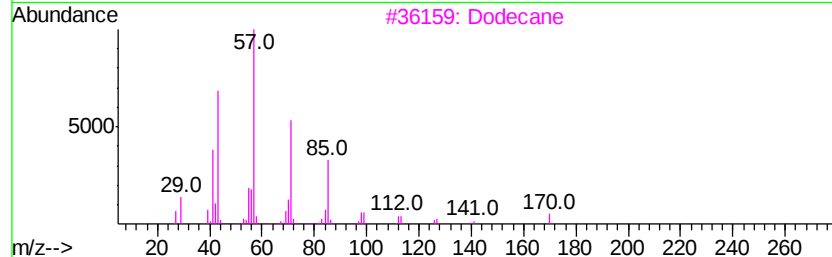
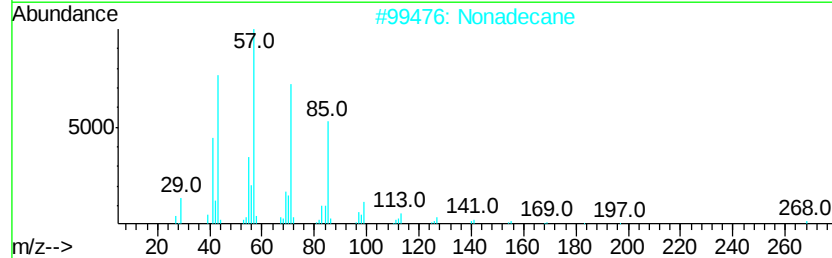
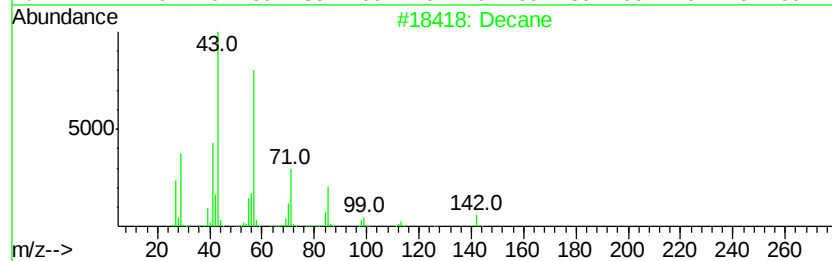
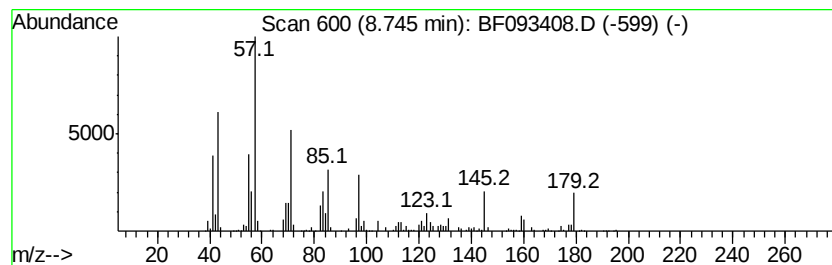
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown8.74 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	17.73 ng	1868200	Napthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	45
2		Nonadecane	268	C19H40	000629-92-5	38
3		Dodecane	170	C12H26	000112-40-3	38
4		Hexadecane	226	C16H34	000544-76-3	35
5		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	35



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
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Instrument :
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ClientSampleId :
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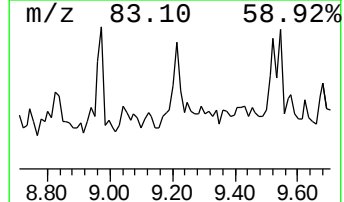
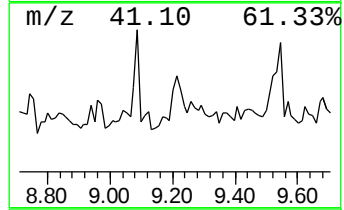
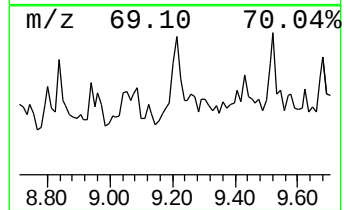
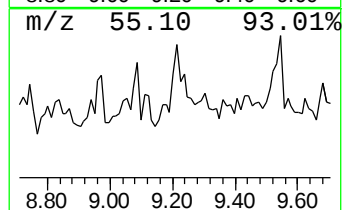
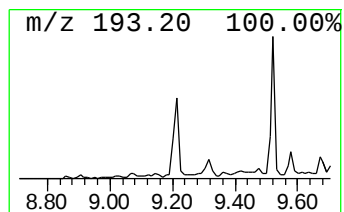
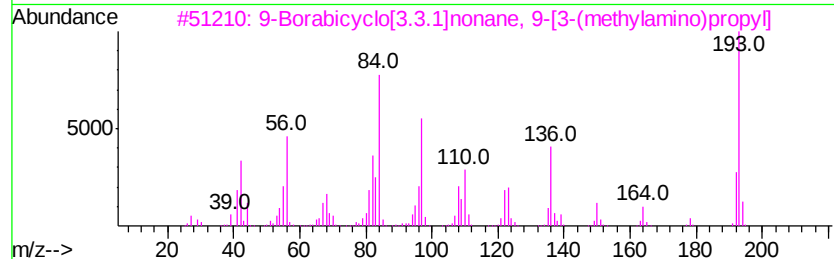
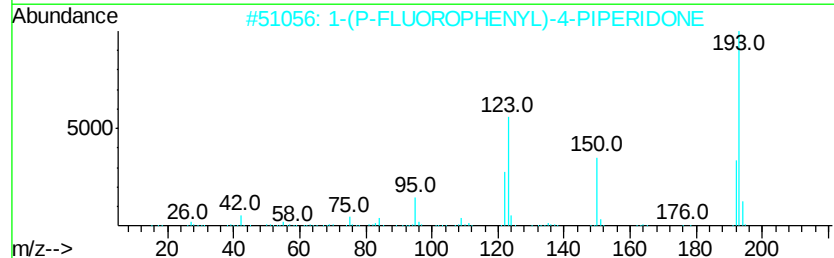
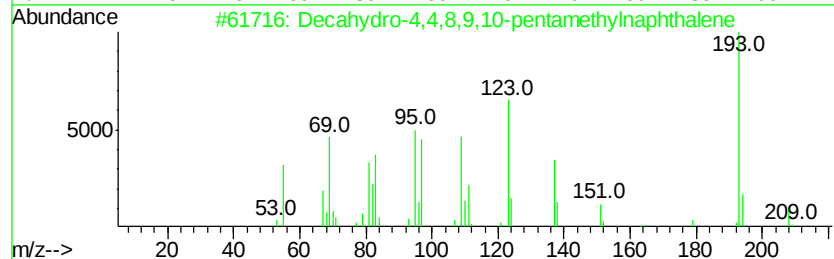
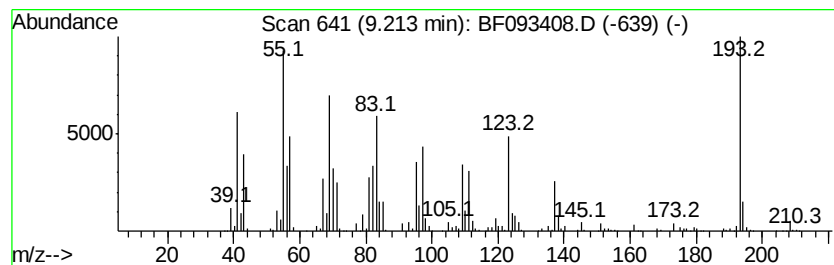
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown9.21 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	23.78 ng	3575850	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	49
2		1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	43
3		9-Borabicyclo[3.3.1]nonane, 9-[3...	193	C12H24BN	1000162-56-0	35
4		Oxirane, dodecyl-	212	C14H28O	003234-28-4	27
5		1,19-Eicosadiene	278	C20H38	014811-95-1	27



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
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Sample : I2056-20 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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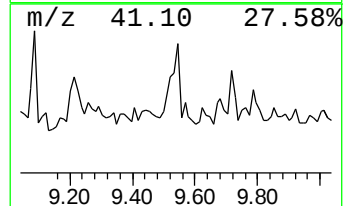
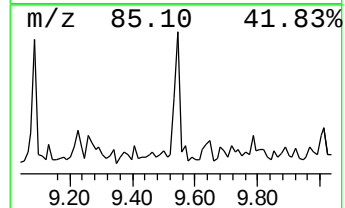
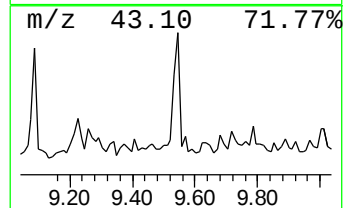
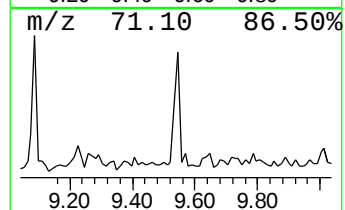
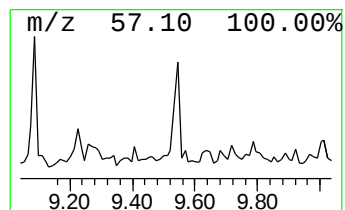
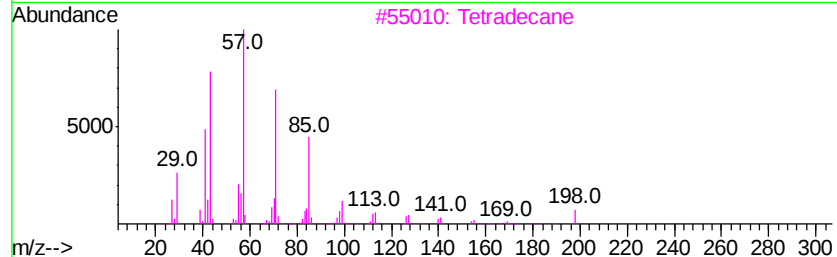
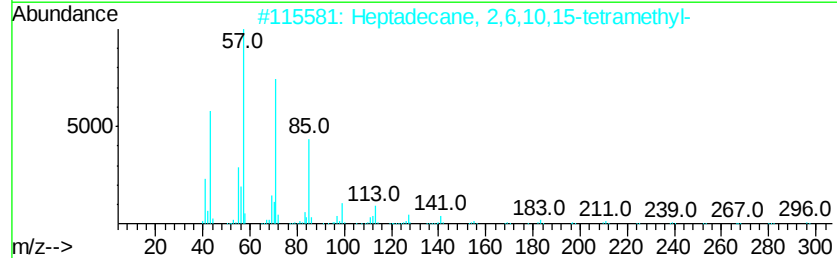
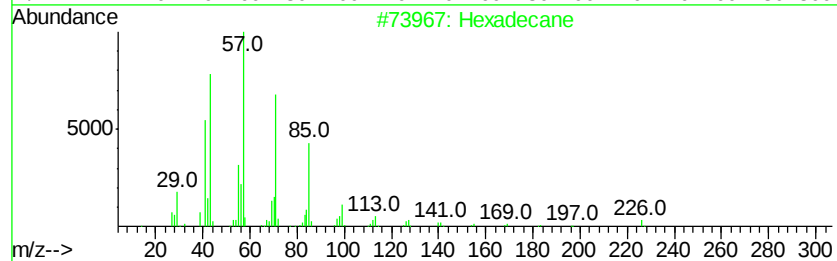
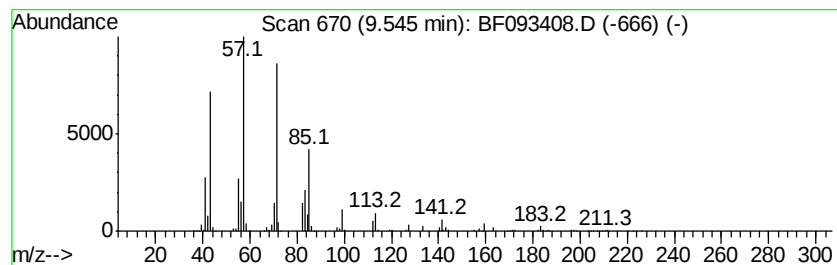
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	37.01 ng	5565280	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	80
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3		Tetradecane	198	C14H30	000629-59-4	80
4		Dodecane	170	C12H26	000112-40-3	72
5		Decane, 5-propyl-	184	C13H28	017312-62-8	68



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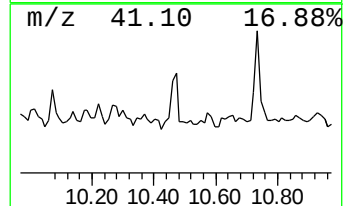
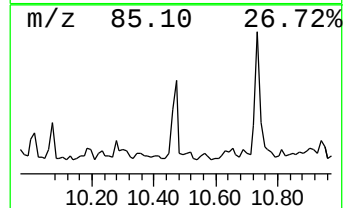
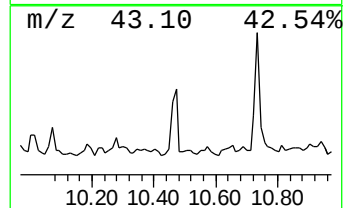
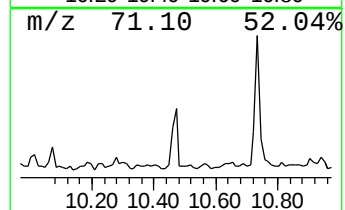
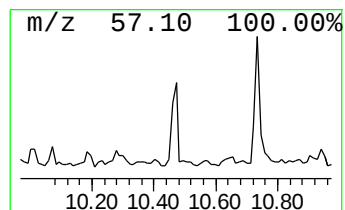
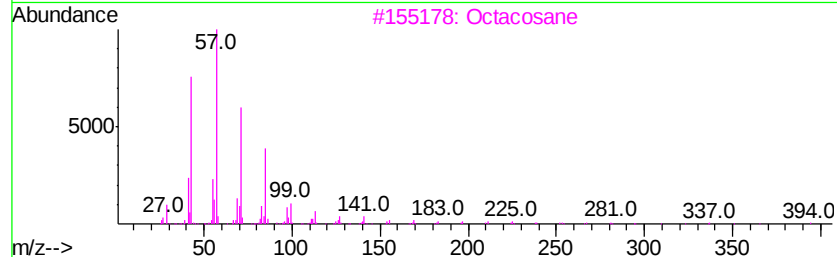
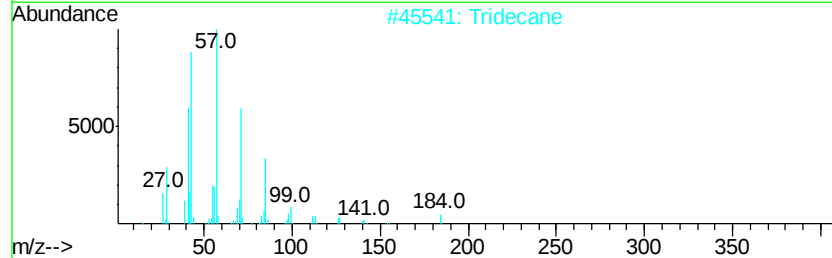
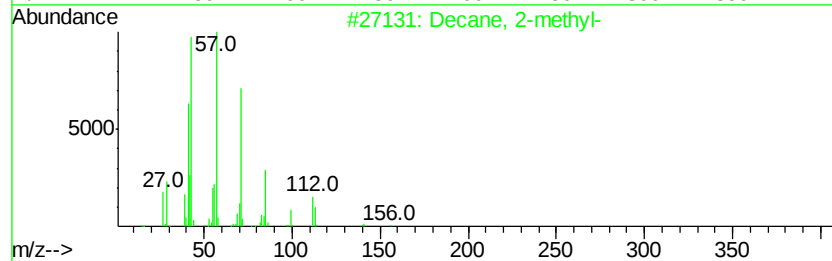
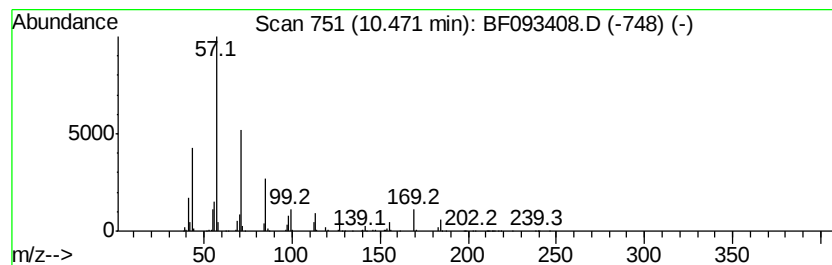
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Decane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	19.82 ng	2981090	Acenaphthene-d10	9.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 2-methyl-	156 C11H24	006975-98-0	76
2	Tridecane	184 C13H28	000629-50-5	72
3	Octacosane	394 C28H58	000630-02-4	72
4	Hexadecane	226 C16H34	000544-76-3	64
5	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	64



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093408.D
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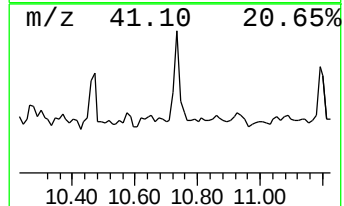
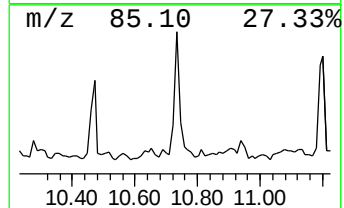
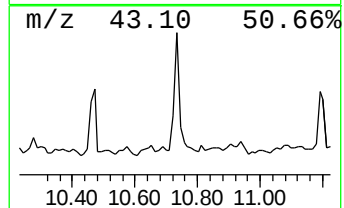
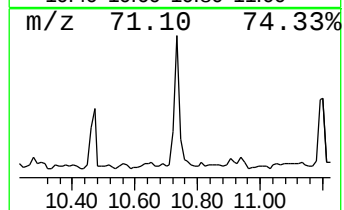
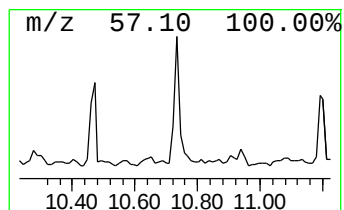
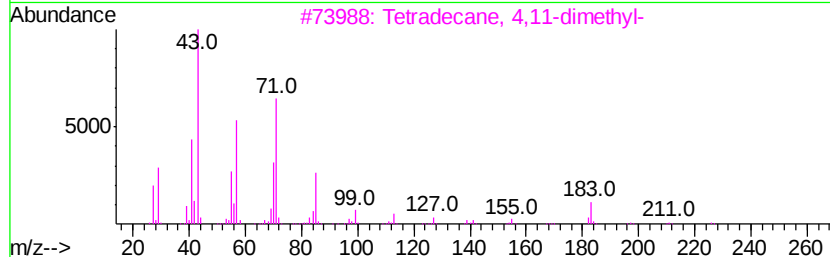
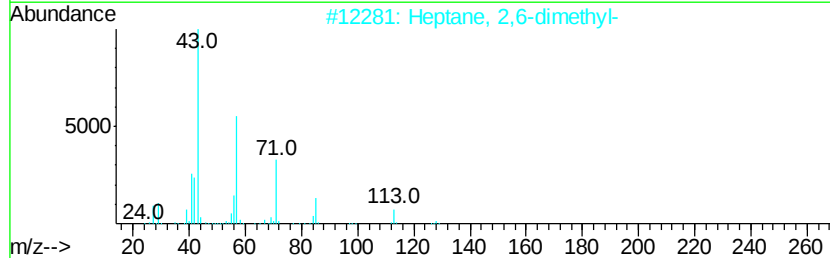
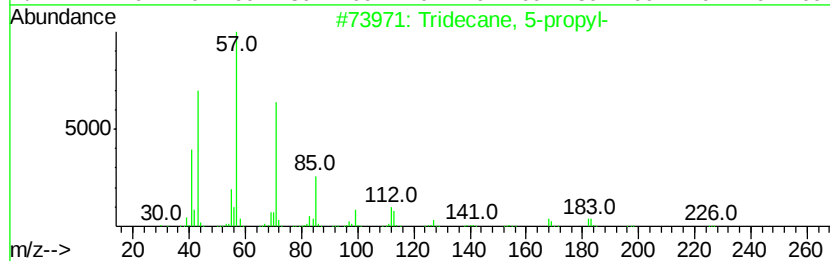
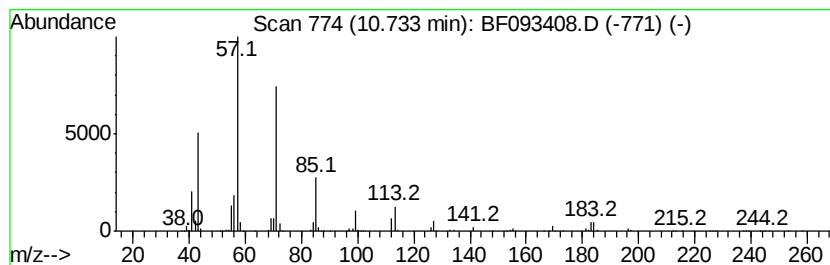
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	58.99 ng	4521740	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
2		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	74
3		Tetradecane, 4,11-dimethyl-	226	C16H34	055045-12-0	72
4		Tridecane	184	C13H28	000629-50-5	72
5		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	68



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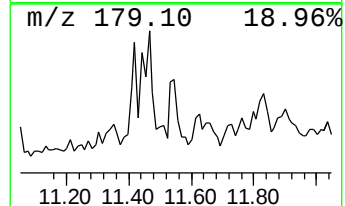
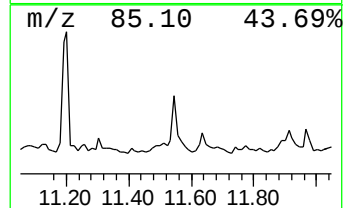
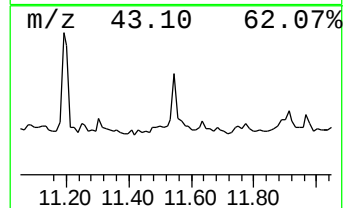
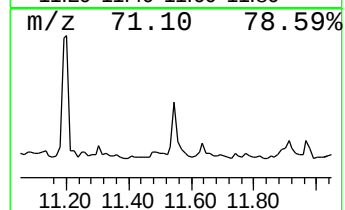
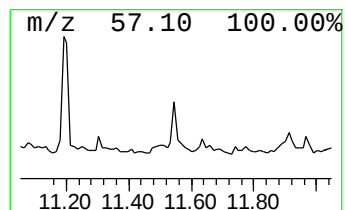
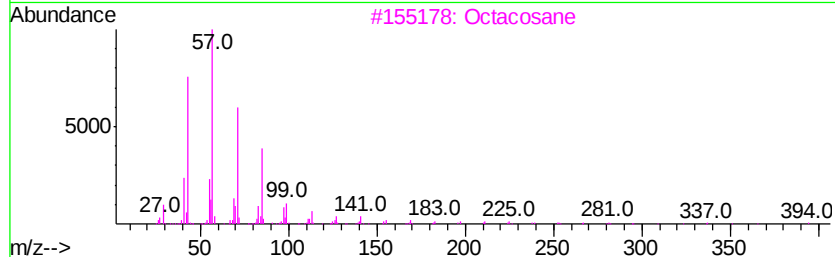
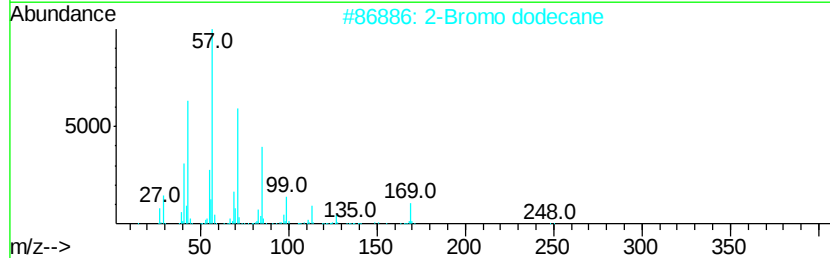
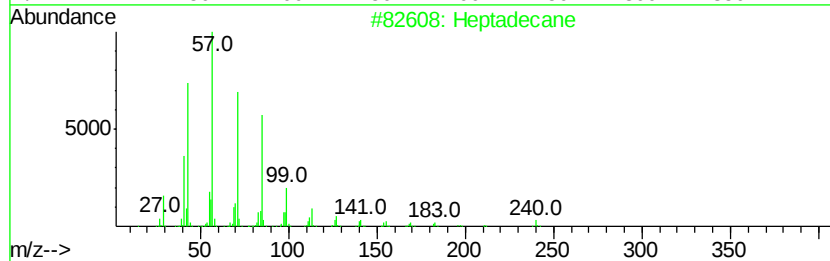
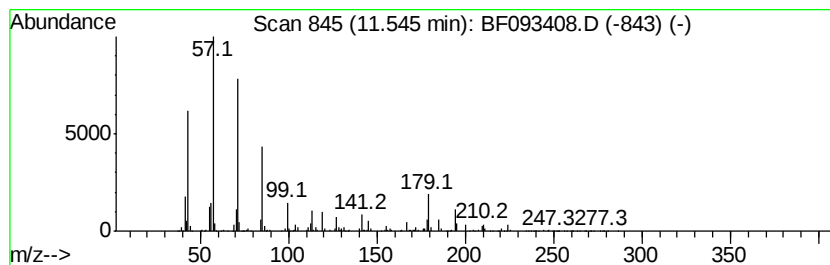
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	15.16 ng	1162060	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	81
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	72
3		Octacosane	394	C28H58	000630-02-4	72
4		Pentadecane	212	C15H32	000629-62-9	72
5		Tetratriacontane	479	C34H70	014167-59-0	72



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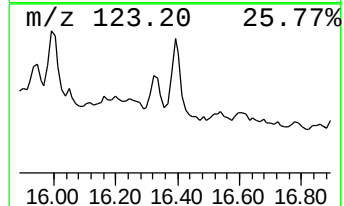
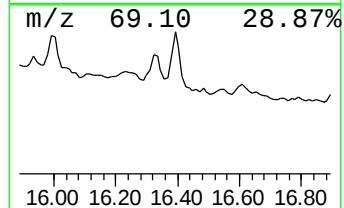
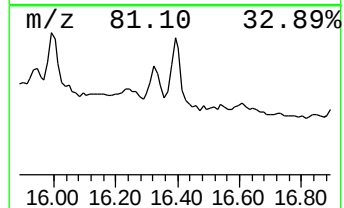
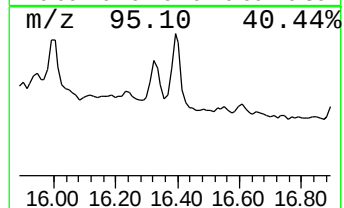
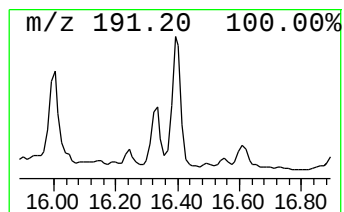
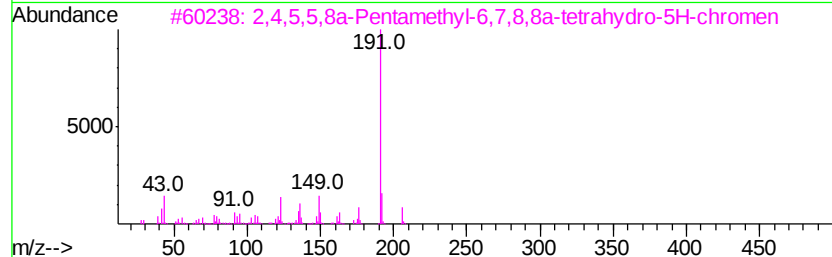
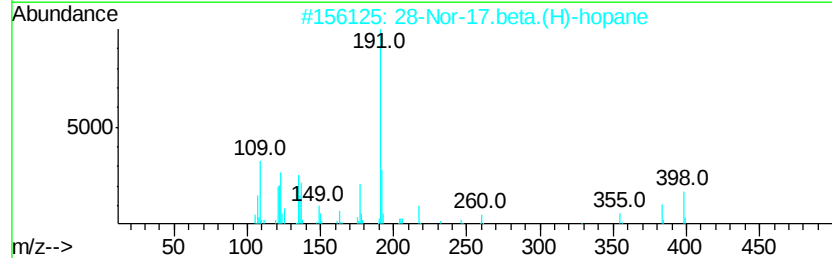
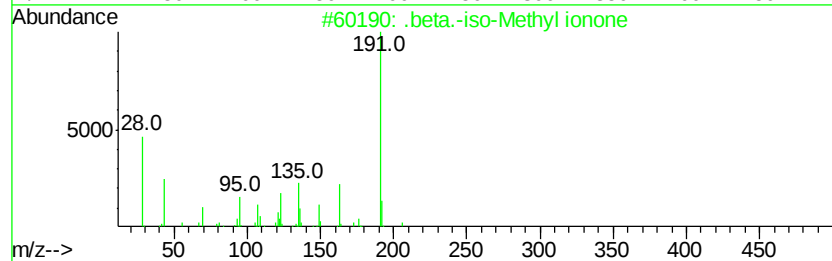
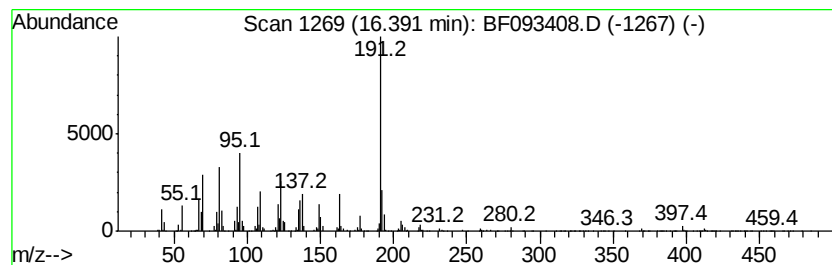
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19B-19

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 .beta.-iso-Methyl ionone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.39	20.00 ng	2415800	Perylene-d12	15.39		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	60
2		28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	50
3		2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	43
4		28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	40
5		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38



Data Path : Z:\HPCHEM1\BNA_F\Data\BF030617\
 Data File : BF093408.D
 Acq On : 6 Mar 2017 18:40
 Operator : SJ/MA
 Sample : I2056-20 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 19B-19

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.54	6.54	14.1	ng	1820480	1	6.78	2584460	20.0
unknown7.42	7.42	16.1	ng	1700060	2	8.06	2107500	20.0
Tridecane	7.49	17.8	ng	1880250	2	8.06	2107500	20.0
Naphthalene, deca...	7.58	19.4	ng	2040070	2	8.06	2107500	20.0
Decane, 2,3,6-tri...	7.94	21.1	ng	2221520	2	8.06	2107500	20.0
Undecane, 2,6-dim...	8.13	17.6	ng	1857400	2	8.06	2107500	20.0
trans,trans-3-Eth...	8.34	16.4	ng	1731640	2	8.06	2107500	20.0
unknown8.45	8.45	24.0	ng	2525570	2	8.06	2107500	20.0
Octane, 3,6-dimet...	8.48	50.7	ng	5345010	2	8.06	2107500	20.0
unknown8.60	8.60	16.6	ng	1749030	2	8.06	2107500	20.0
unknown8.74	8.74	17.7	ng	1868200	2	8.06	2107500	20.0
unknown9.21	9.21	23.8	ng	3575850	3	9.82	3007470	20.0
Hexadecane	9.54	37.0	ng	5565280	3	9.82	3007470	20.0
Decane, 2-methyl-	10.47	19.8	ng	2981090	3	9.82	3007470	20.0
Tridecane, 5-propyl-	10.73	59.0	ng	4521740	4	11.30	1533000	20.0
Heptadecane	11.55	15.2	ng	1162060	4	11.30	1533000	20.0
.beta.-iso-Methyl...	16.39	20.0	ng	2415800	6	15.39	2415800	20.0